



FIG. 1

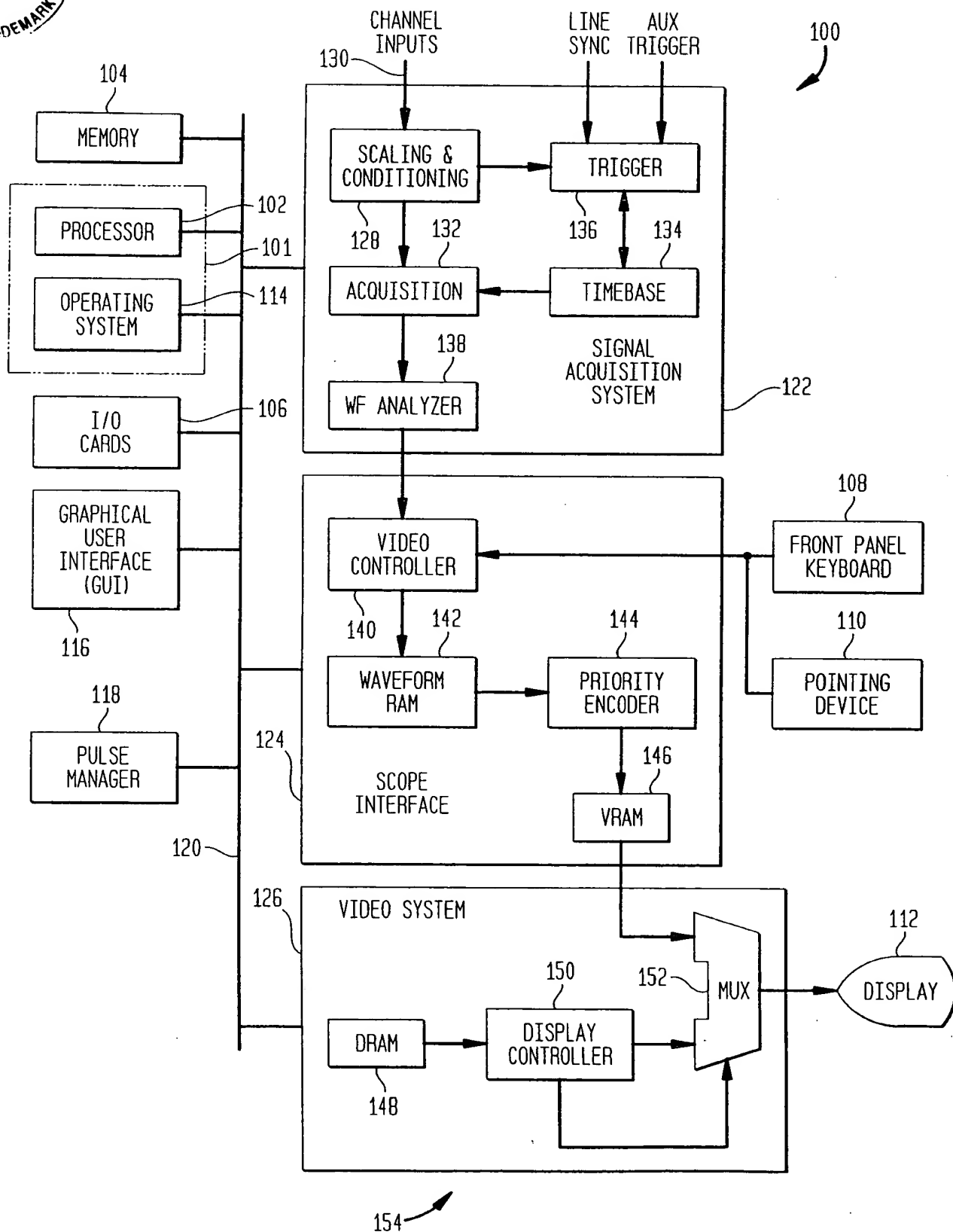


FIG. 2

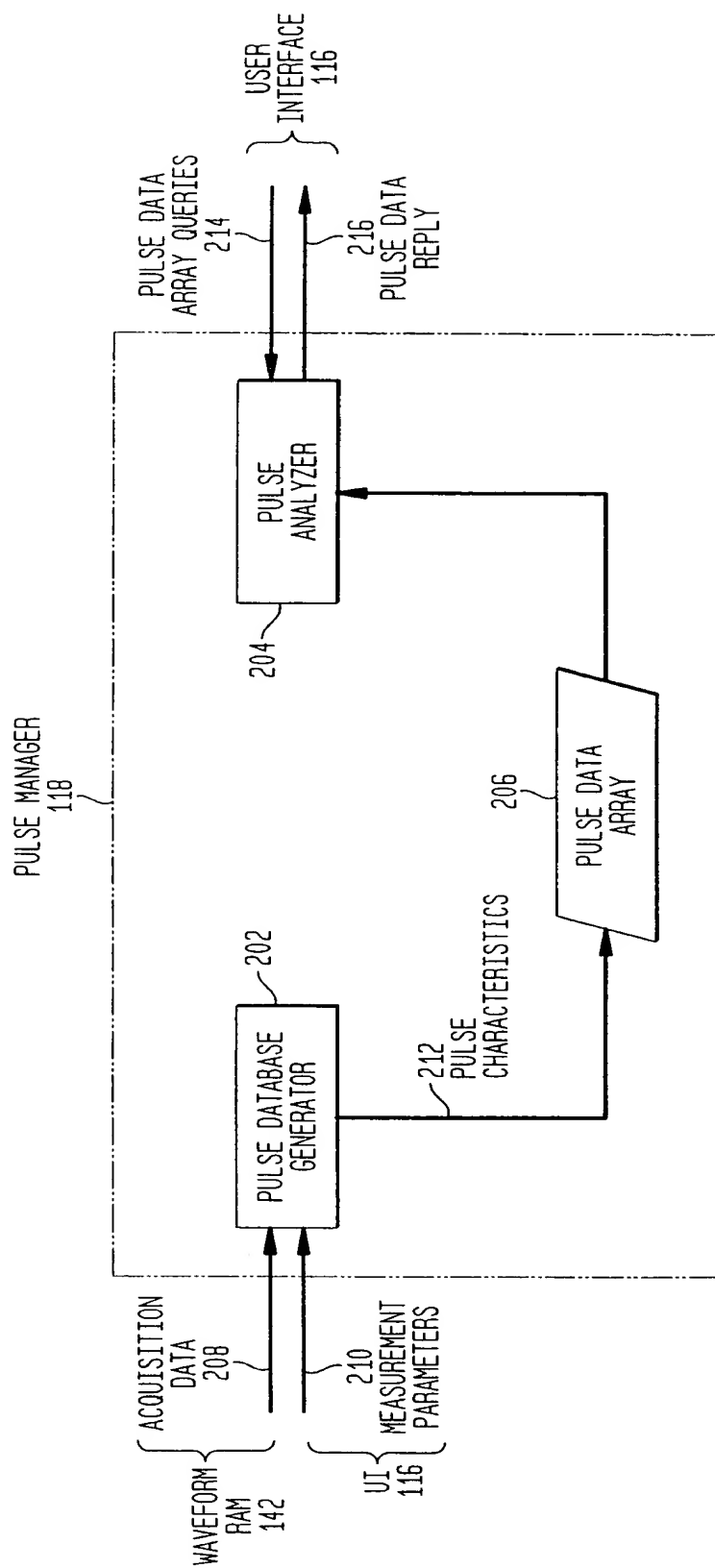
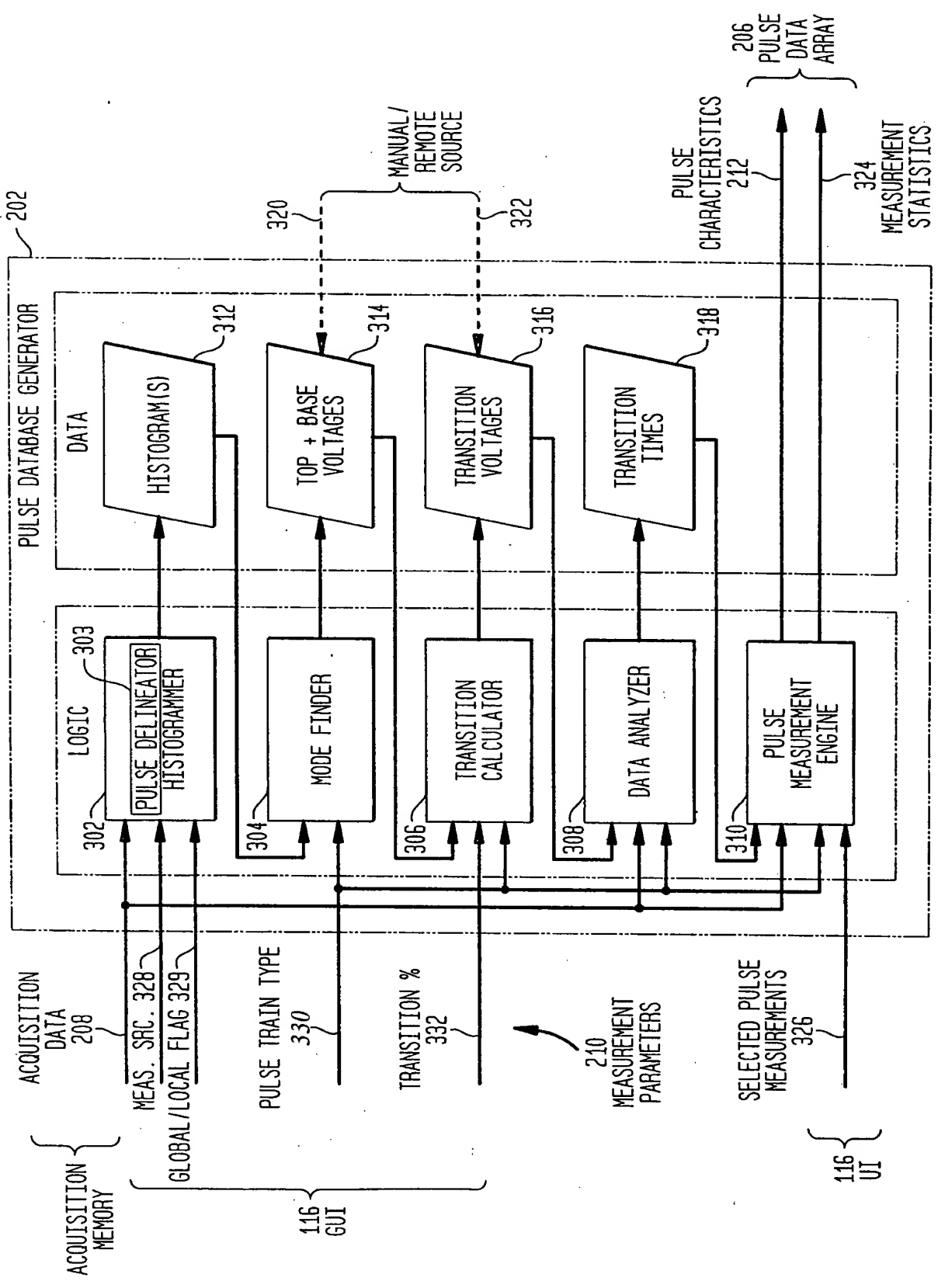


FIG. 3





4/17

FIG. 4

PULSE # INDEX					
402	324	404	406	408	410
ACQ. #	MEASUREMENT STATISTICS	PULSE #	PULSE TYPE	CENTER TIME	PULSE MEASUREMENTS
1	RISE TIME MEAN = MODE = MEDIAN = : :	1	P	1 μ s	RISE TIME = 20.5 ns FALL TIME = 16.1 ns WIDTH = 102.3 ns V p-p = 2.62 v OVERSHOOT = 7.65 % : :
	FALL TIME MEAN = MODE = MEDIAN = : :				
		2	N	1.5 μ s	: :
		3	P	2.1 μ s	: :
		:	:	:	: :
		1075	:	:	: :
2	: :	: :	: :	: :	: :
3	: :	: :	: :	: :	: :
: :	: :	: :	: :	: :	: :

206
PULSE
DATA ARRAY

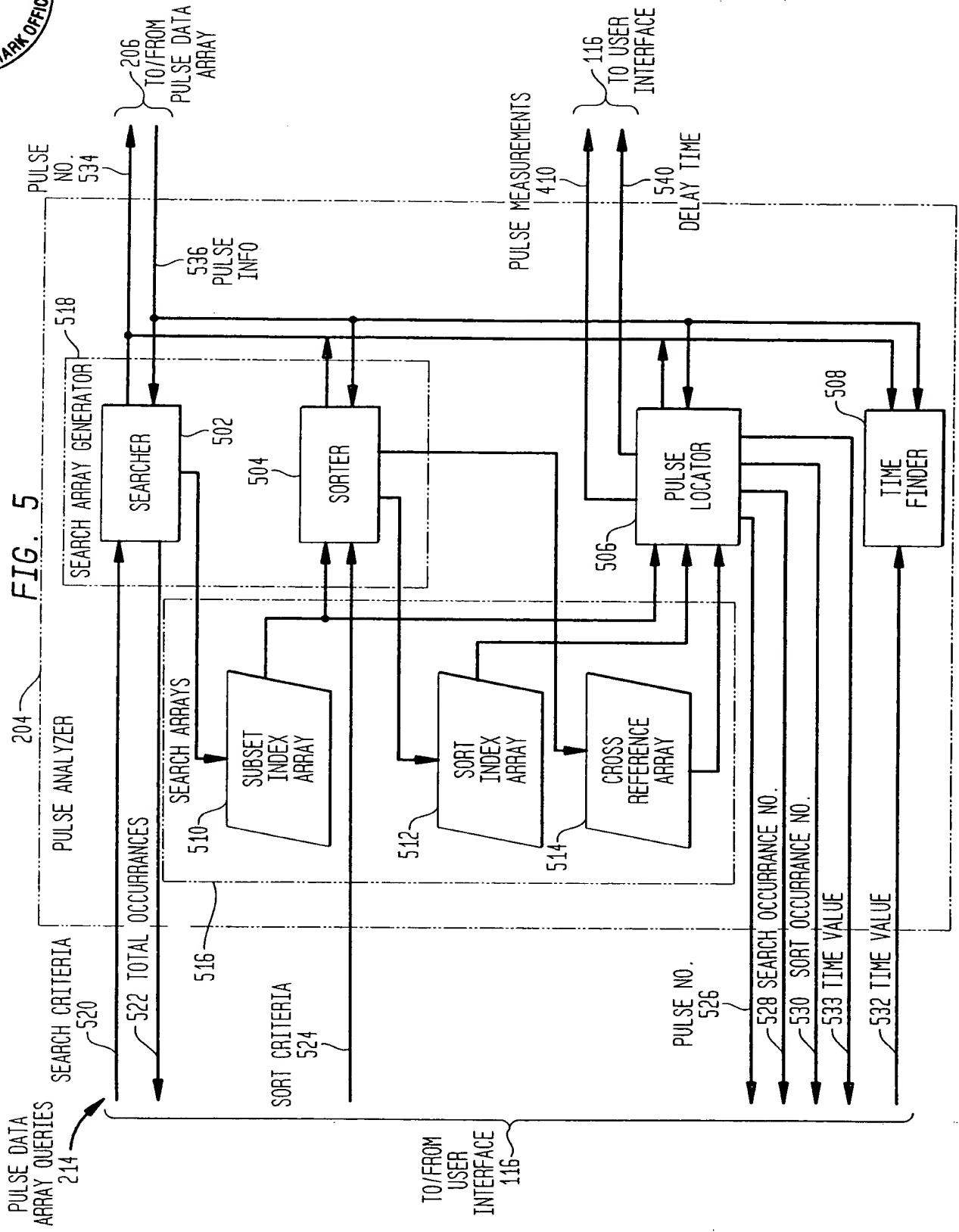
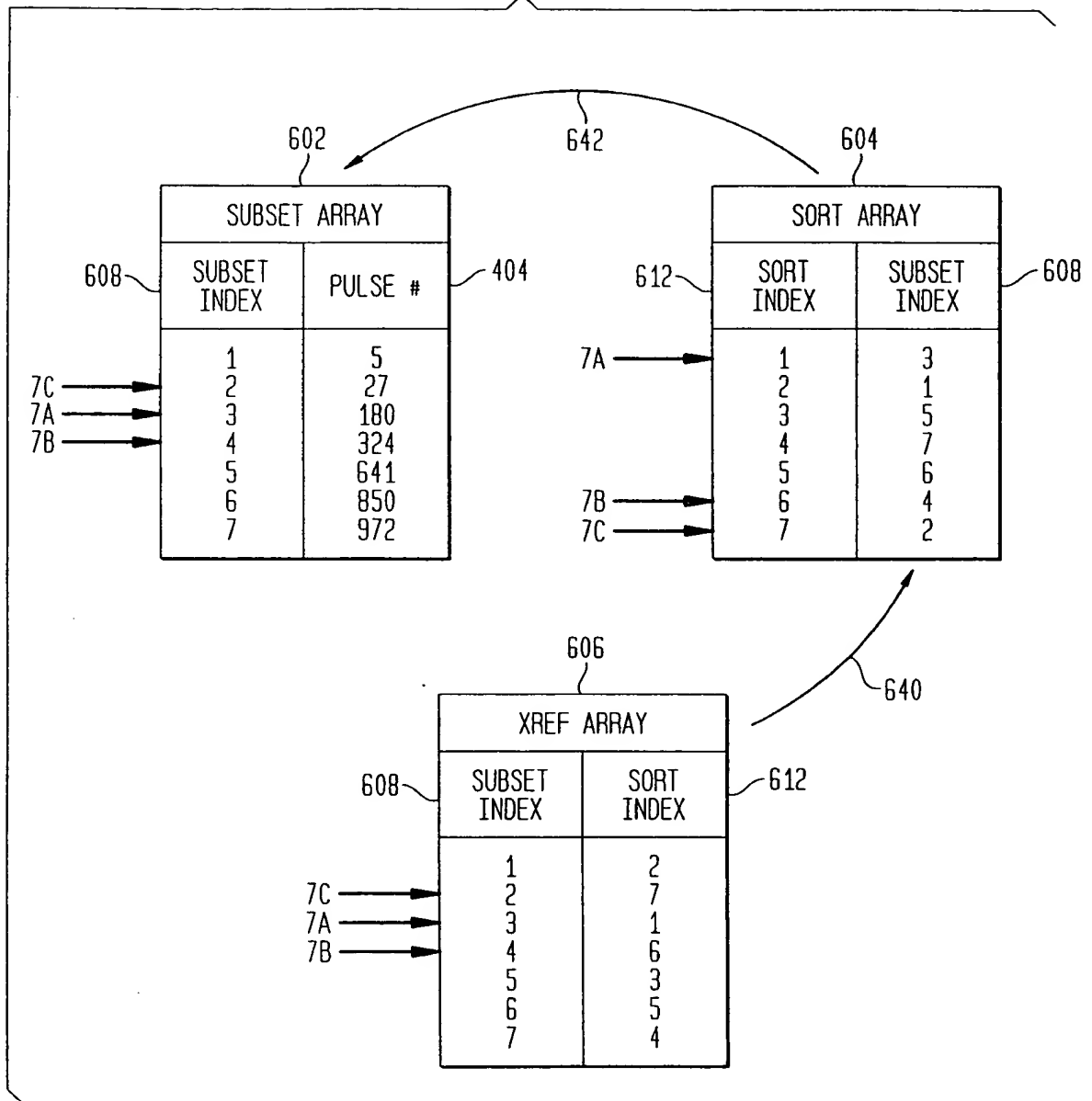


FIG. 6



7/17

FIG. 7A

SELECTED PULSE

PULSE #:	180	704A
OCCURRENCE #:	3	706A
SORTED OCCURRENCE #:	1	708A
PULSE CENTER TIME:	100.1 MS	714A
TOTAL OCCURRENCE:	7	
TOTAL PULSES:	1075	710A

702A 712A

FIG. 7B

SELECTED PULSE

PULSE #:	324	704B
OCCURRENCE #:	4	706B
SORTED OCCURRENCE #:	6	708B
PULSE CENTER TIME:	162.5 MS	714B
TOTAL OCCURRENCE:	7	
TOTAL PULSES:	1075	710B

702B 712B

FIG. 7C

SELECTED PULSE

PULSE #:	27	704C
OCCURRENCE #:	2	706C
SORTED OCCURRENCE #:	7	708C
PULSE CENTER TIME:	15.4 MS	714C
TOTAL OCCURRENCE:	7	
TOTAL PULSES:	1075	710C

702C 712C



8/17

FIG. 8

PULSE DATA ARRAY MEASUREMENTS

SELECT DESIRED PULSE MEASUREMENTS:

- ☐ RISETIME ~ 804A
- ☐ FALLTIME ~ 804B
- ☐ PULSE WIDTH ~ 804C
- ☐ PEAK-TO-PEAK VOLTAGE ~ 804D
- ☐ OVERSHOOT ~ 804E
- ☐ ALL ~ 804F
- ☐ XYZ STANDARD ~ 804G

OK : CANCEL

802

800

PULSE MEASUREMENT SELECTION
DIALOG BOX

FIG. 9B

PULSE SORT CRITERIA

☐ PRIMARY

☐ SECONDARY

☐ TERTIARY

952 954 906

ASCENDING
DESCENDING

952

SAVE RECALL APPLY NATURAL LANGUAGE STRING ENTRY

936 938 932 936 934

950

PULSE SORT CRITERIA DIALOG BOX

FIG. 9A

910A

▽

NOT

912

906A

▽

CENTER TIME

RISETIME

FALLTIME

PULSE WIDTH

Vp-p

⋮

908

910

914A

▽

#

=

>

<

>=

<=

916

918A

▽

MS

HS

MV

HV

922

920A

▽

MS

HS

MV

HV

924

902A

TO

926

AND

OR

NOT

⋮

⋮

928

910B

▽

908

906B

▽

908

914B

▽

908

936

SAVE

938

RECALL

932

APPLY

930

REFINE SEARCH

936

NATURAL LANGUAGE

934

STRING ENTRY

900 PULSE SELECTION CRITERIA DIALOG BOX

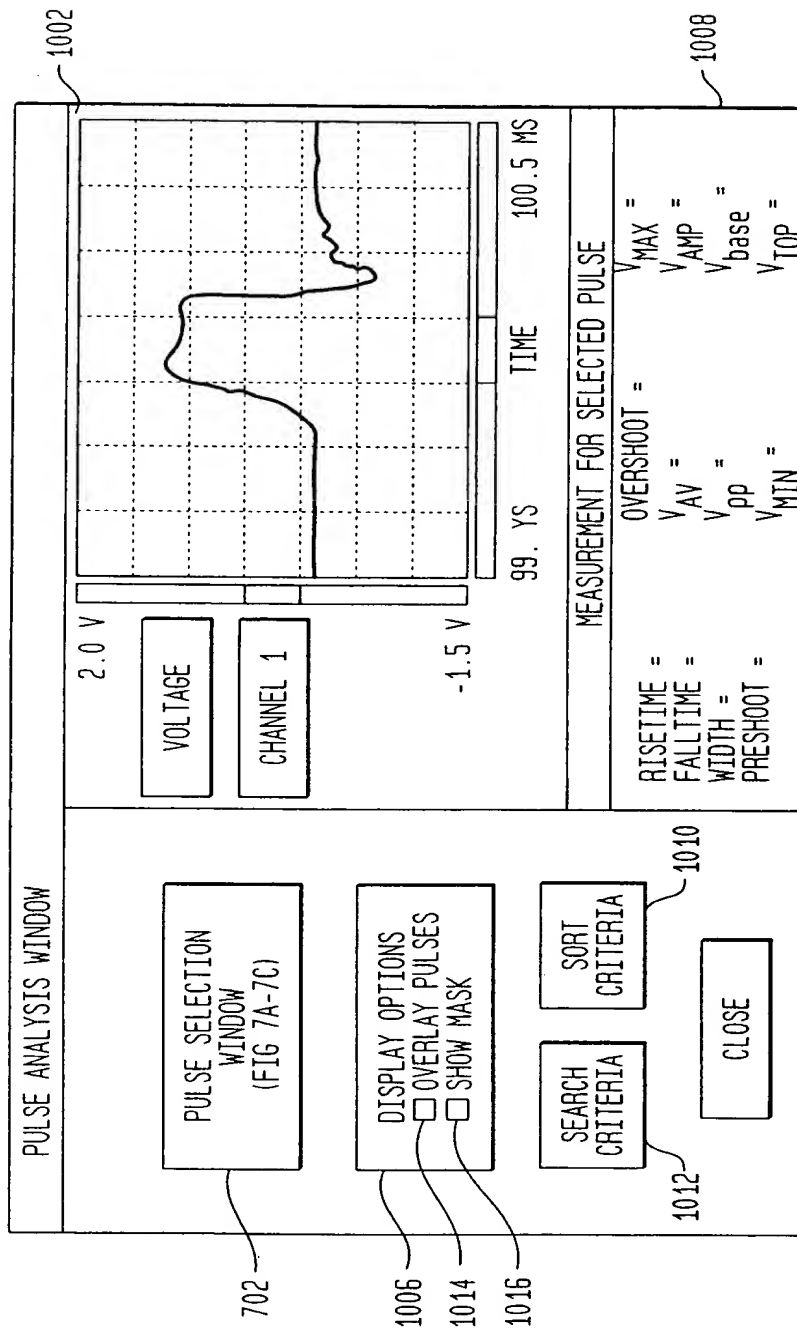
9/17

902B





FIG. 10A

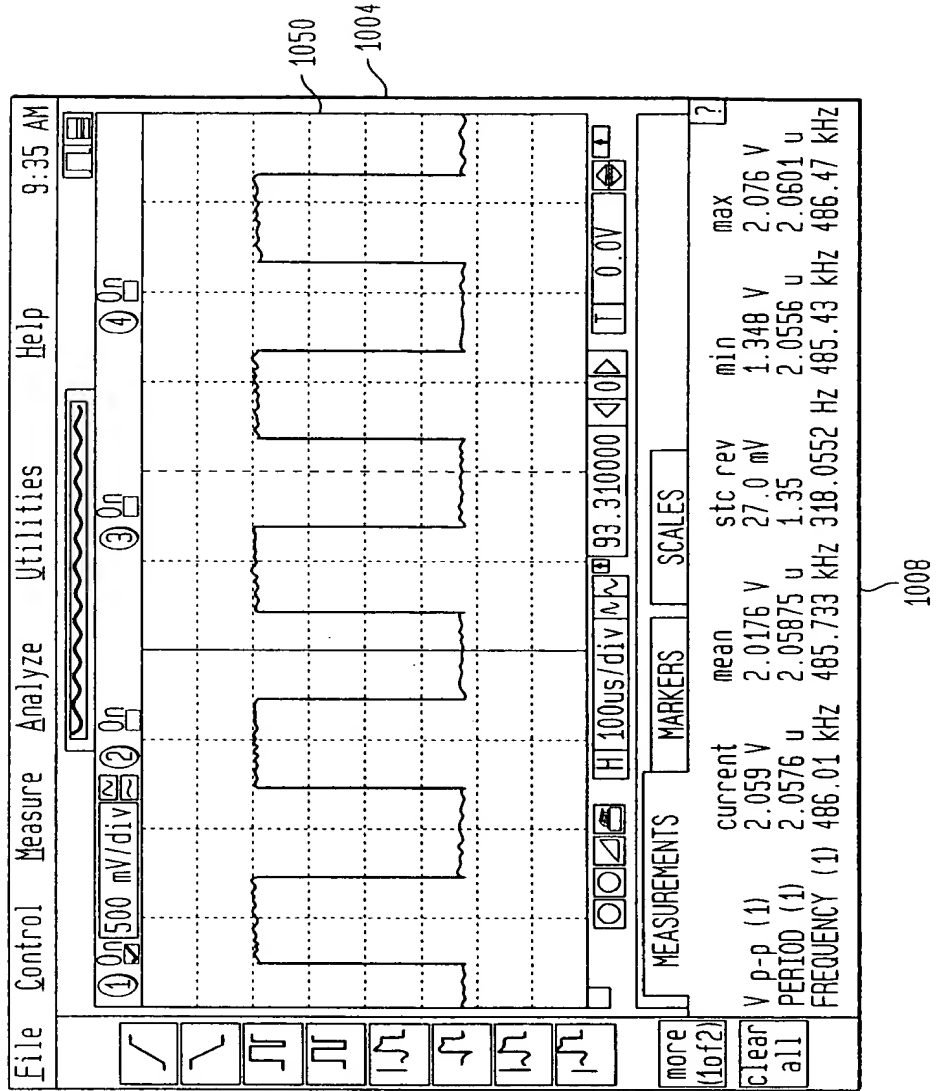


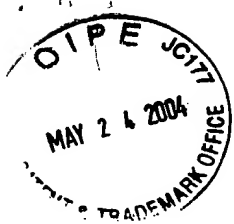
1000
PULSE ANALYSIS
WINDOW



11/17

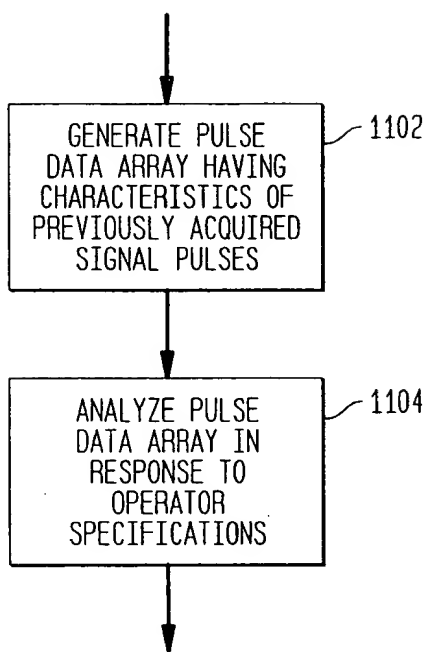
FIG. 10B





12/17

FIG. 11



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13/17

FIG. 12

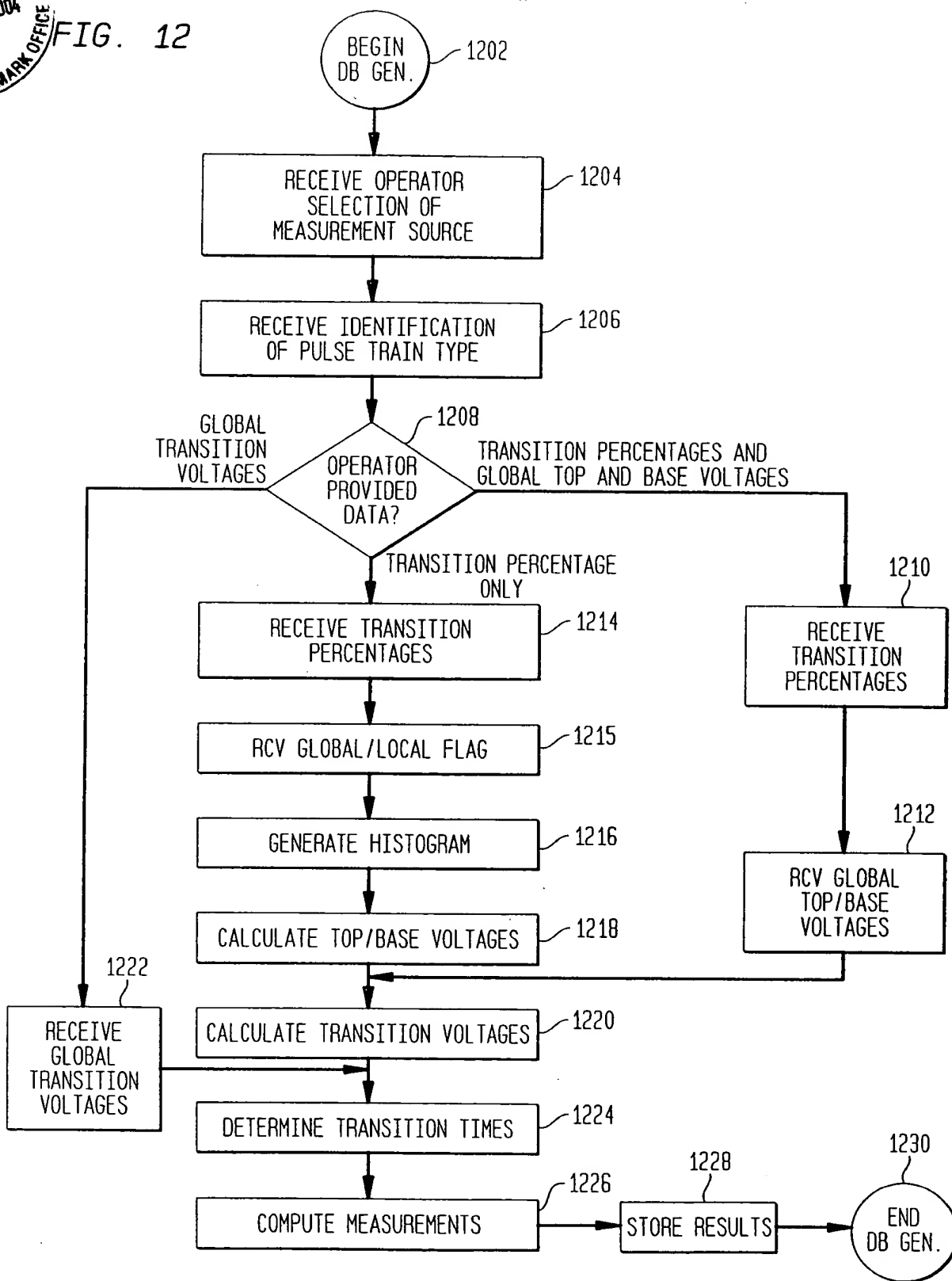
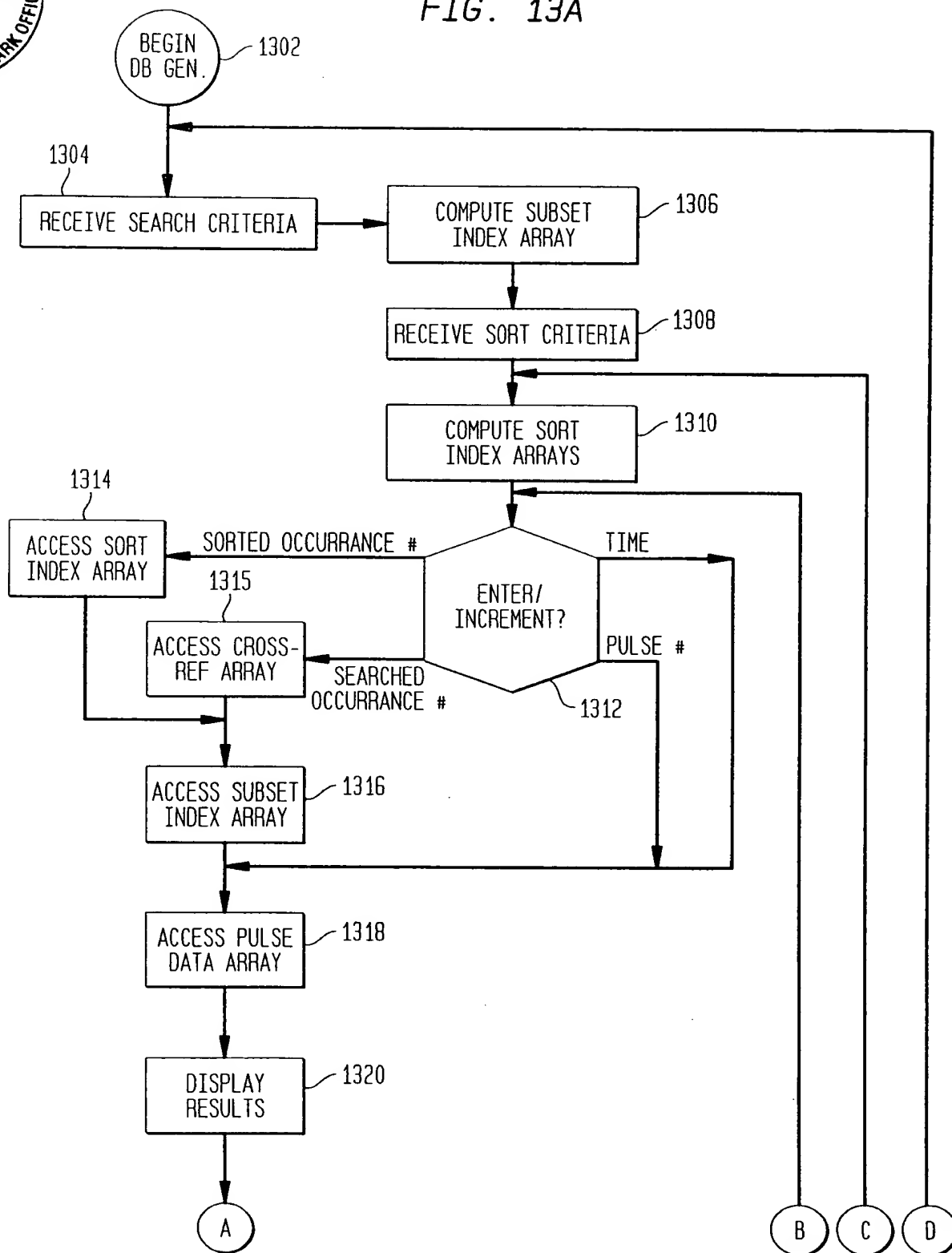


FIG. 13A





15/17

FIG. 13B

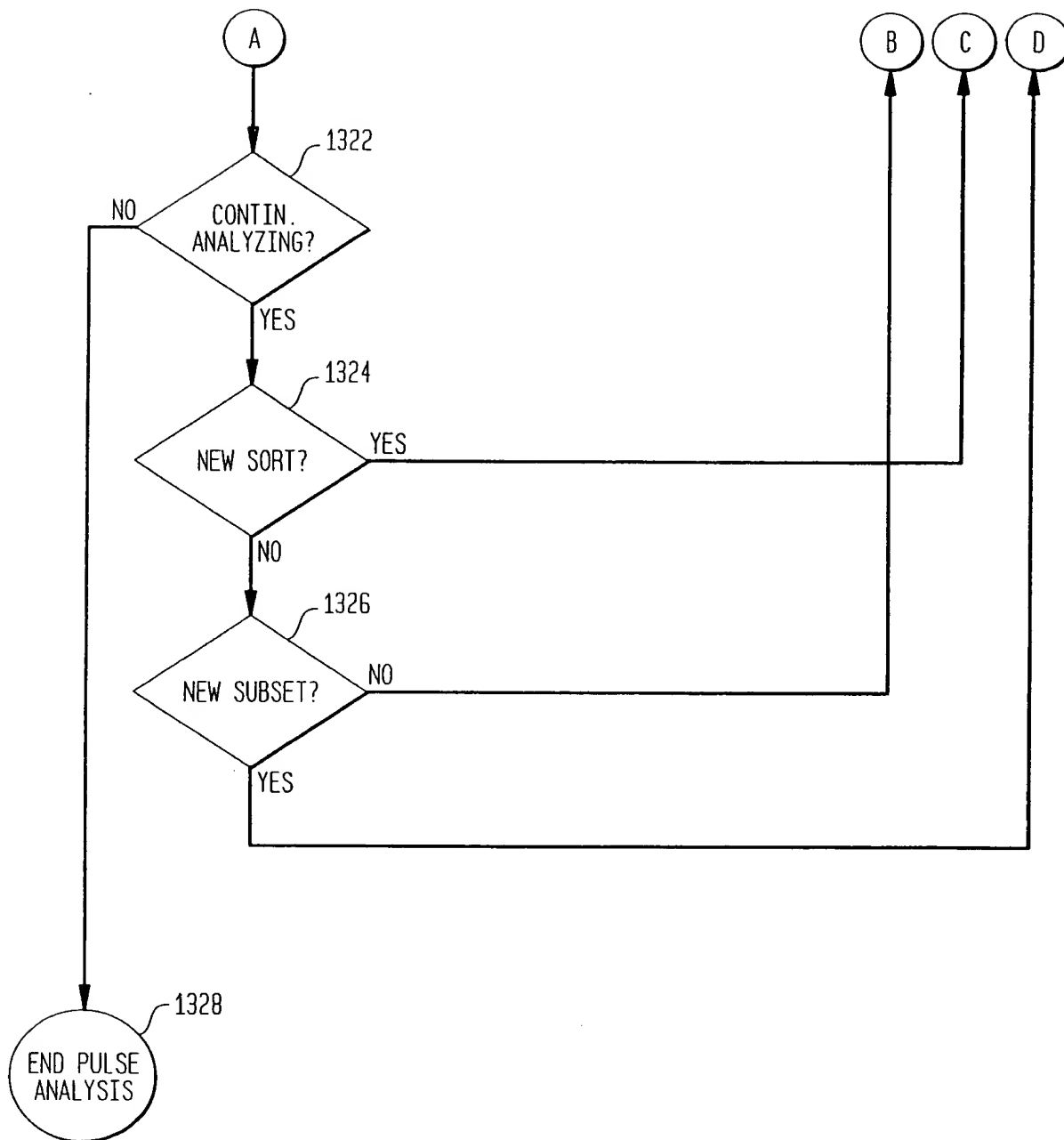


FIG. 14

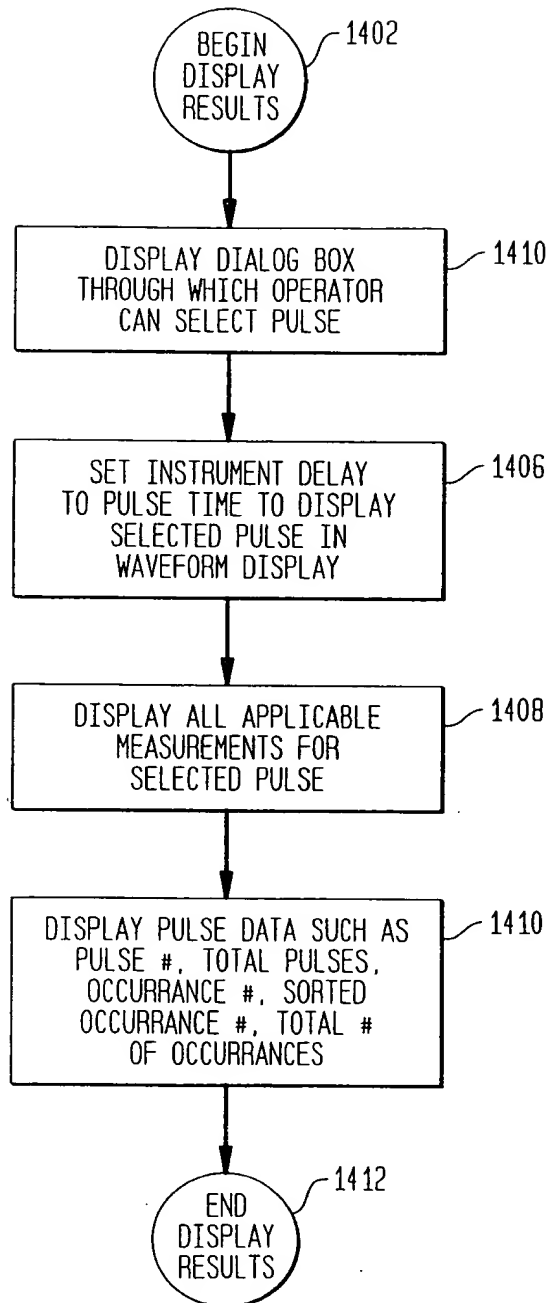




FIG. 15

